

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5535567").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 14:56
L2	63	("0312658"   "0362118"   "0372589"   "0396605"   "0403899"   "0453707"   "0614294"   "1073485"   "1137746"   "1292960"   "2159136"   "2399891"   "3135070"   "3388518"   "3394524"   "3399915"   "3473274"   "3495363"   "3958387"   "4091588"   "4099356"   "4102105"   "4106250"   "4109437"   "4217741"   "4266385"   "4435938"   "4495743"   "4570404"   "4759166"   "4878331"   "4926608"   "5038543"   "5140793"   "5241785"   "5247772"). PN. OR ("5535567").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 14:56
L3	1703	(52/11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 15:16
L4	20	3 (metal adj roof)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 15:16
S1	10	("4741132" "4864781" "5392583" "60 04645" "6238502").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 12:02
S2	580	428/57, "58"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 12:10
S3	1221	(428/57,58).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:10
S4	96	S3 (roof or roofing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 12:17

## EAST Search History

S5	85	428/141, "148", "147"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 12:20
S6	3407	(428/141,148,147).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:21
S7	342	S6 (roof or roofing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 12:22
S8	4	("1094893").PN. OR ("6503601"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:24
S9	8	("3625794"   "4160058"   "4368228"   "4420524"   "4749609"   "4775567"   "5318832").PN. OR ("6479117").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:24
S10	48	("2433847"   "2556884"   "2760881"   "2880471"   "3092203"   "3273297"   "3276928"   "3506088"   "3511301"   "3652360"   "3658633"   "3775240"   "3922425"   "4004049"   "4206267"   "4236365"   "4273685"   "4287263"   "4294055"   "4333866"   "4379480"   "4381200"   "4420524"   "4457983"   "4503107"   "4594278"   "4811538"   "4828004"   "4854365"   "4911975"   "5100715"   "5435108"   "5665447"). PN. OR ("5787677").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:26
S11	28	("2742115"   "3095671"   "3770559"   "3900102"   "3937640"   "4055453"   "4374687"   "4386981"   "4514442"   "4589804"   "4670071"   "4767653"   "4870796").PN. OR ("5142837").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:34
S12	199	52/408, "409"	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:41
S13	1410	(52/408,409).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:41

## EAST Search History

S14	17	("2219450"   "4102106"   "4292781"   "4450665"   "4854102"   "4930287"   "4987716"   "5224318"   "5613337"   "5671577"   "5768844"   "5832686"   "5946876"   "5956913"   "6050041").PN. OR ("6298625").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:46
S15	47	("0357634"   "0446217"   "0631092"   "0731264"   "0740838"   "1076065"   "3353319"   "4096681").PN. OR ("4987716").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:46
S16	25	("3998019"   "4099357"   "4133161"   "4213282"   "4217741"   "4269012"   "4329823"   "4522005"   "4528789"   "4597234"   "4686809"   "4819398"   "4870798"   "4987716"   "5142838"   "5201158"   "5241785"   "5303528"   "5379517"   "5524409").PN. OR ("5737894").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:48
S17	701	52/520	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:49
S18	1	(single-ply with (metal adj roof))	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:52
S19	4	("4520610"   "4534148"   "4677795").PN. OR ("4835917").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:53
S20	19	("1724946"   "1886708"   "1896130"   "2164414"   "4048533"   "4057095"   "4063393"   "4534145").PN. OR ("4677795").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:54
S21	890	(52/536,537).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/08 12:55
S22	20	("2106390"   "2616283"   "3511007"   "3763614"   "4237182"   "4449336"   "4747247"   "4759165"   "4936071"   "5392583"   "5479753"   "5540022").PN. OR ("5950383").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:56
S23	25	("0396605"   "0659177"   "3394515"   "3495363"   "4196554"   "4223503").PN. OR ("4759165").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:57
S24	16	("1519350"   "3394515"   "4184301"   "4185436"   "4223503"   "4316351"   "4700520"   "4759165").PN. OR ("5349801").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:58

## EAST Search History

S25	43	("3667180"   "3714747"   "3777430"   "3828493"   "4104840"   "4109437"   "4123885"   "4177615"   "4184301"   "4195459"   "4195460"   "4196554"   "4244151"   "4267679").PN. OR ("4316351").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 12:59
S26	33	("3397496"   "3438168"   "3535844"   "3849959"   "3862531"   "3925952"   "3998024"   "4065902"   "4100710"   "4107892"   "4122641").PN. OR ("4244151").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:02
S27	32	("0095732"   "1090334"   "2019379"   "3127962"   "3481094"   "3511011"   "3841776").PN. OR ("4223503").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:03
S28	6	("3394515").URPN.	USPAT	AND	ON	2007/07/08 13:04
S29	22	("2047655"   "3394515"   "3438168"   "3982373"   "4177615"   "4213282"   "4267679"   "4269012"   "4495743"   "4570404"   "4641475"   "4700522"   "4759165"   "4987716"   "5001881").PN. OR ("5134825").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:04
S30	35	("2098717"   "2565610"   "3304680"   "3982373"   "4091588"   "4223503"   "4269012").PN. OR ("4495743").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:06
S31	23	("0944985"   "1791255"   "2410786"   "2565610"   "2962307"   "3217400"   "3603057"   "4046409"   "4173361"   "4418943"   "4495743"   "4523780"   "4697832"   "4865362"   "4929236"   "5549583"   "5934710").PN. OR ("6557901").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:06
S32	14	("3982373"   "4269012"   "4495743"   "4597234"   "4694628"   "4700522").PN. OR ("5038543").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:08
S33	26	("2565610"   "3394515"   "3481094"   "3998019"   "4102105"   "4168596"   "4213282"   "4361998"   "4497151").PN. OR ("4700522").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:09
S34	33	("3157965"   "3427775"   "3708943"   "4102105"   "4139974").PN. OR ("4269012").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:11
S35	29	("1816556"   "2015129"   "3225504"   "3390856"   "3982373"   "3998019"   "4102105"   "4120123"   "4177615"   "4213282"   "4269012"   "4296581"   "4348846").PN. OR ("4522005").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/08 13:12

## EAST Search History

S36	48	S21 (sealant or caulk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/07/08 13:28
-----	----	------------------------	---	-----	----	------------------